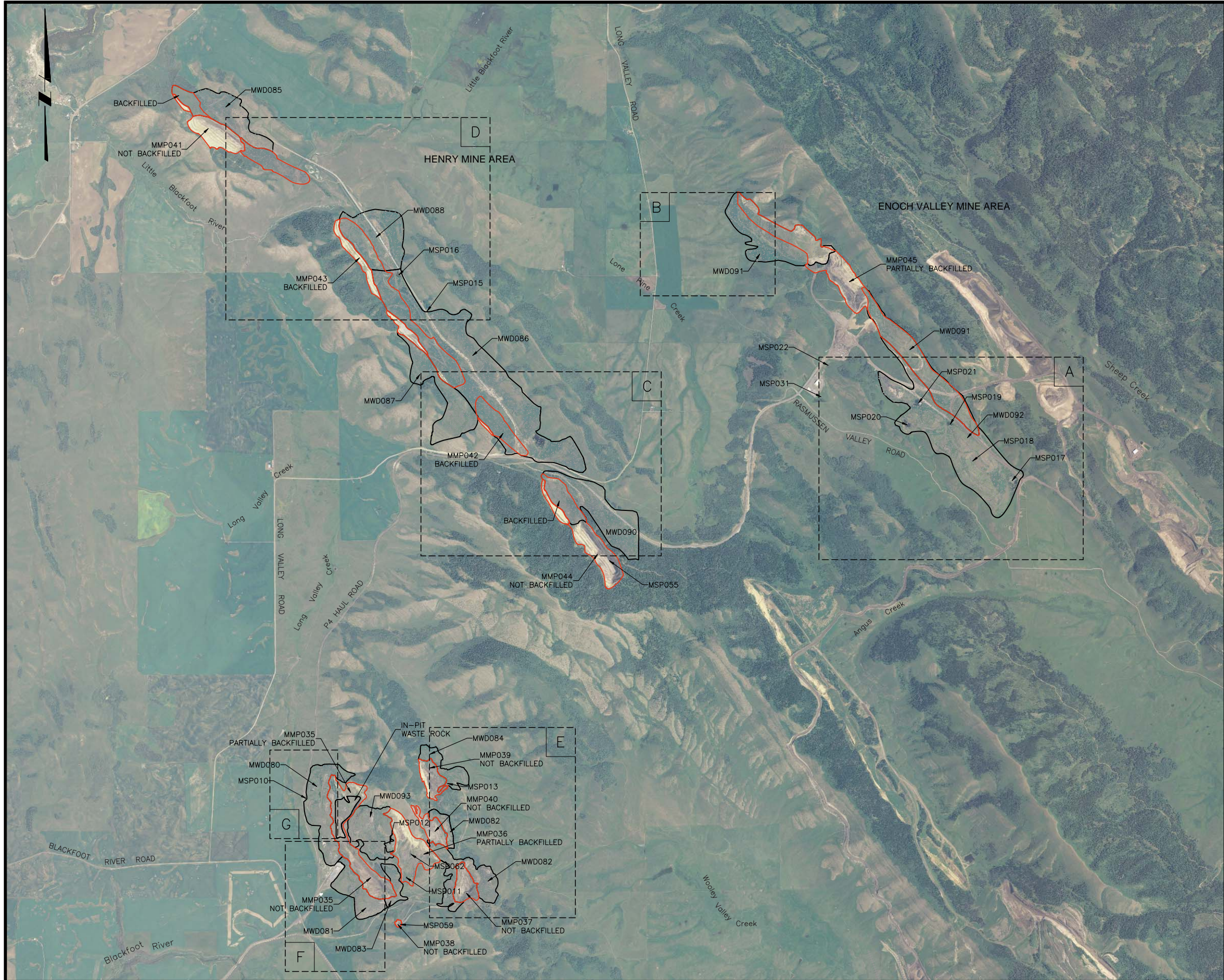


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**LEGEND:**

- MINE PIT LOCATION (APPROXIMATE WHERE COVERED BY BACKFILL)
- WASTE ROCK PILE LOCATION
- WASTE ROCK PILE LOCATION OR PIT BACKFILL (APPROXIMATE)
- DIRECT-PUSH INVESTIGATION AREA

**STATION TYPE:**

- MMP = MINE PIT
- MWD = WASTE ROCK DUMP
- MSP = POND



**KEY MAP**  
N.T.S.

SCALE  
2000 0 2000 4000 FEET  
CONTOUR INTERVAL = N/A

REV	DESCRIPTION	TECH	ENG	DATE
2	FINAL	CHF	CLF	06/19/09
1	REVISION ISSUED FOR AGENCY REVIEW	CHF	CLF	05/13/09
0	ISSUED DRAFT FOR AGENCY REVIEW	CHF	CLF	03/05/09

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2. ORIGINAL FILE LOCATED:  
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DESIGNED BY	C.FOULK	06/19/09
DRAWN BY	E.MARKS	06/19/09
CHECKED BY	C.FOULK	06/19/09
APPROVED BY	C.FOULK	06/19/09
PROJECT MANAGER	C.FOULK	06/19/09
CLIENT APPROVAL		
CLIENT REFERENCE NO.		

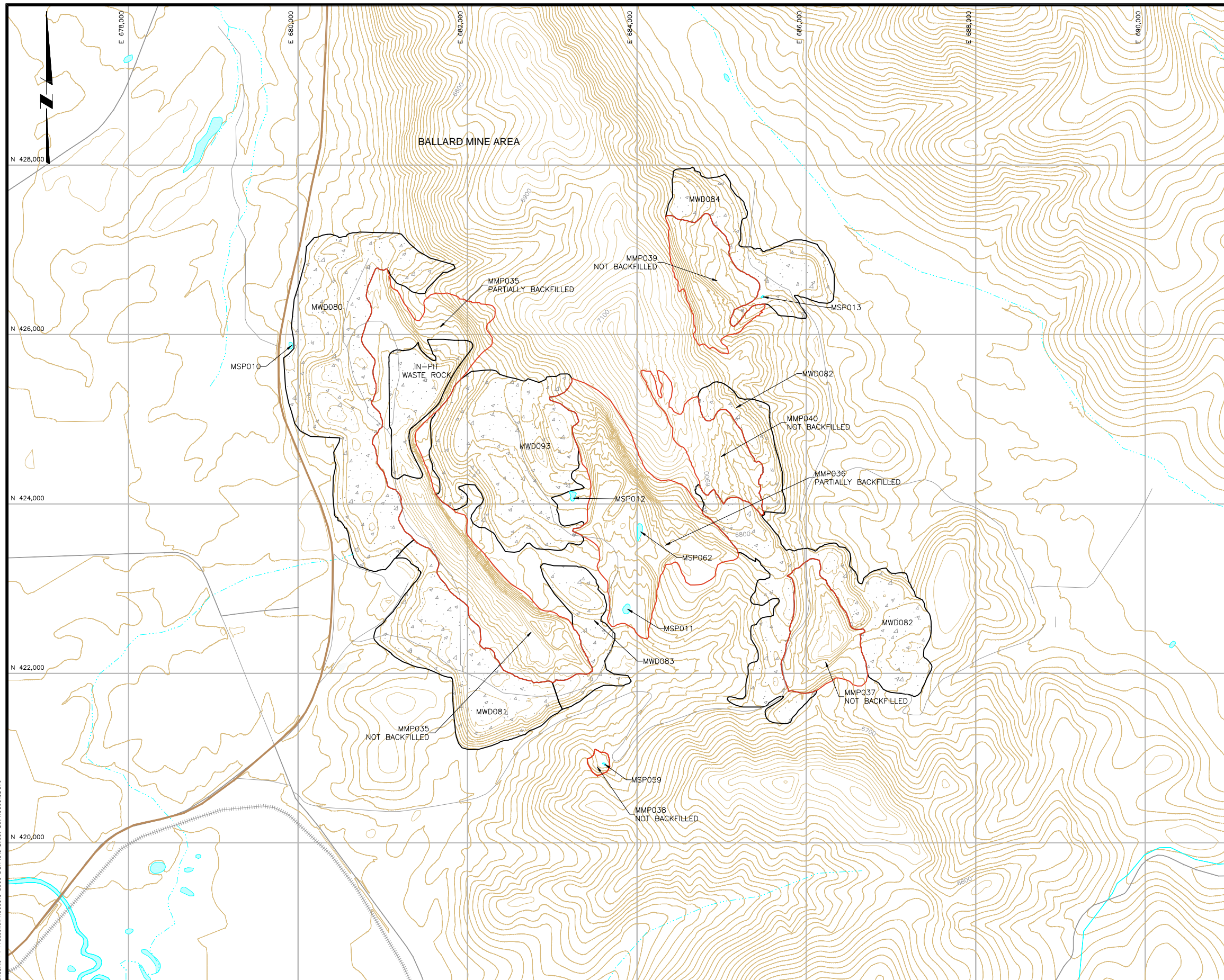
**P4 PRODUCTION  
SITE INVESTIGATION**

PROJECT LOCATION	BALLARD, HENRY AND ENOCH VALLEY MINES
PROJECT	2007 AND 2008 DATA SUMMARY REPORT
TITLE	PROJECT LOCATION MAP

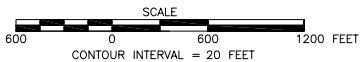
SHEET	1 of 30	REVISION	2
FILE NAME	1005813D074		



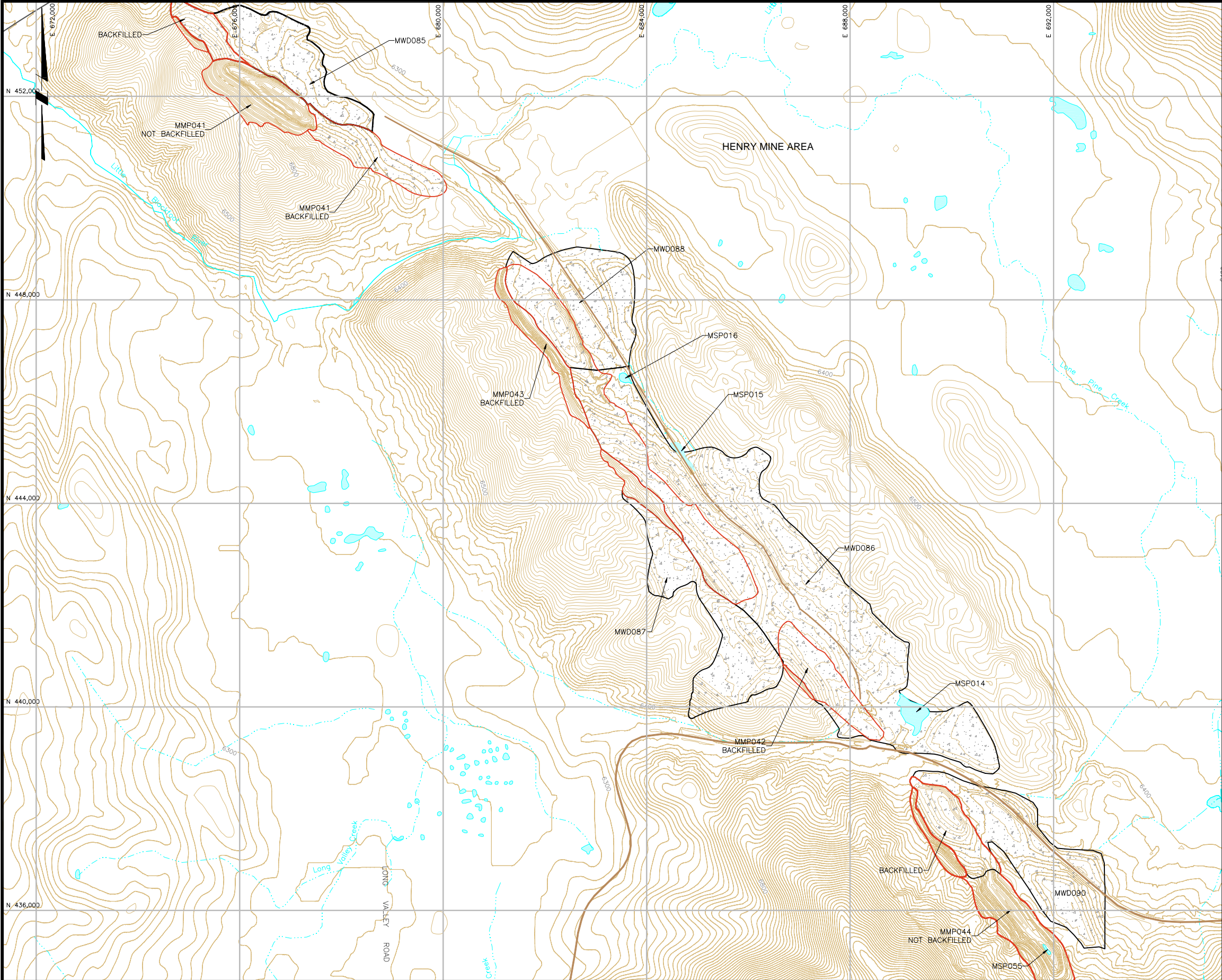




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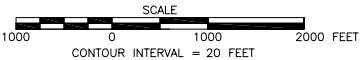
**STATION TYPE:**[illegible]





- LEGEND:**
- 7000 POST-MINE CONTOUR & ELEVATION, FEET
  - RIVER
  - POND OR LAKE
  - STREAM - PERENNIAL
  - STREAM - INTERMITTENT
  - HIGHWAY
  - ROAD
  - RAILROAD
  - MONSANTO HAUL ROAD (ACTIVE & INACTIVE)
  - MINE PIT LOCATION (APPROXIMATE WHERE COVERED BY BACKFILL)
  - WASTE ROCK PILE LOCATION
  - WASTE ROCK PILE LOCATION OR PIT BACKFILL (APPROXIMATE)

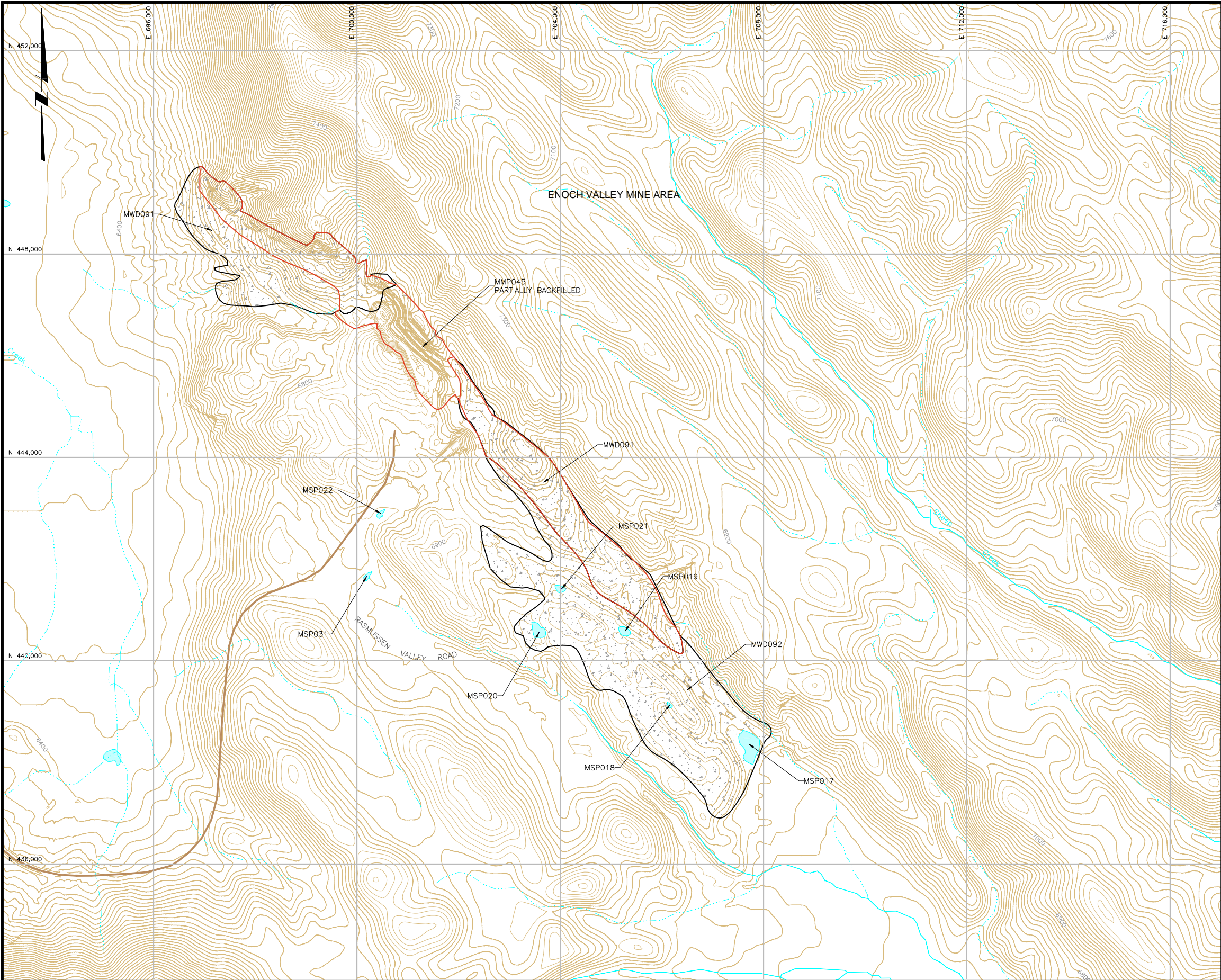
- STATION TYPE:**
- MMP = MINE PIT
  - MWD = WASTE ROCK DUMP
  - MSP = POND



						<b>DISCLAIMER:</b> THIS DRAWING WAS DEVELOPED THROUGH THE APPLICATION OF PROFESSIONAL ENGINEERING SKILL AND PROPRIETARY METHODOLOGIES, PROCESSES, AND KNOW HOW OF MWH AS AUTHOR, ALL PURSUANT TO THE TERMS OF A CONTRACTUAL SCOPE OF WORK GOVERNING ITS PREPARATION. THIS DRAWING MAY NOT BE USED OR MODIFIED OTHER THAN IN STRICT ACCORDANCE WITH THE TERMS OF THE GOVERNING CONTRACT AND SCOPE OF WORK OR OTHERWISE ABSENT THE INVOLVEMENT AND CONSENT OF THE AUTHOR. ANY ALTERATION OR ADAPTATION OF THIS DRAWING SHALL BE CONSISTENT WITH THE AUTHOR'S CONTRACTUAL AND PROPRIETARY RIGHTS AND BE AT USER'S SOLE RISK AND WITHOUT ANY LIABILITY OR LEGAL RESPONSIBILITY OF MWH.		<b>DRAWING REFERENCE(S):</b> 1. POST-MINE TOPOGRAPHY GENERATED FROM: <ul style="list-style-type: none"><li>• USGS DIGITAL ELEVATION MODELS (DEM)-24K.</li><li>• SURVEY DATA FOR BALLARD MINE PROVIDED BY OLYMPUS AERIAL SURVEYS, INC. DATED: JUNE 2005.</li><li>• SURVEY DATA FOR HENRY MINE AREA PROVIDED BY OLYMPUS AERIAL SURVEYS, INC. DATED: NOVEMBER 2008.</li><li>• SURVEY DATA FOR ENOCH VALLEY MINE AREA PROVIDED BY P4 PRODUCTION DATED: DECEMBER 2007.</li></ul>		<b>PROJECTION:</b> STATE PLANE COORDINATE SYSTEM ZONE 10 IDAHO EAST DATUM: NAD27 VERTICAL DATUM: NAVD29 UNITS: U.S. FEET		DESIGNED BY C.FOULK	06/19/09	<b>P4 PRODUCTION SITE INVESTIGATION</b>	<b>PROJECT LOCATION</b> BALLARD, HENRY AND ENOCH VALLEY MINES		
2	FINAL	CHF	CLF	06/19/09			DRAWN BY E.MARKS	06/19/09	<b>2007 AND 2008 DATA SUMMARY REPORT</b>								
1	REVISION ISSUED FOR AGENCY REVIEW	CHF	CLF	05/13/09			CHECKED BY C.FOULK	06/19/09									
0	ISSUED DRAFT FOR AGENCY REVIEW	CHF	CLF	03/05/09			APPROVED BY C.FOULK	06/19/09									
ISSUE REV	DESCRIPTION	TECH	ENG	DATE			PROJECT MANAGER C.FOULK	06/19/09									
								CLIENT APPROVAL				<b>TITLE</b> HENRY MINE DELINEATION MAP		SHEET 3 of 30	REVISION 2		
								CLIENT REFERENCE NO.						FILE NAME 1005813D076			



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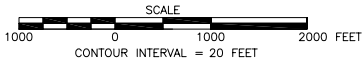


**LEGEND:**

- 7000 POST-MINE CONTOUR & ELEVATION, FEET
- RIVER
- POND OR LAKE
- STREAM - PERENNIAL
- STREAM - INTERMITTENT
- HIGHWAY
- ROAD
- RAILROAD
- MONSANTO HAUL ROAD (ACTIVE & INACTIVE)
- MINE PIT LOCATION (APPROXIMATE WHERE COVERED BY BACKFILL)
- WASTE ROCK PILE LOCATION
- WASTE ROCK PILE LOCATION OR PIT BACKFILL (APPROXIMATE)

**STATION TYPE:**

- MMP = MINE PIT
- MWD = WASTE ROCK DUMP
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REV	DESCRIPTION	TECH	ENG	DATE
2	FINAL	CHF	CLF	06/19/09
1	REVISION ISSUED FOR AGENCY REVIEW	CHF	CLF	05/13/09
0	ISSUED DRAFT FOR AGENCY REVIEW	CHF	CLF	03/05/09

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• SURVEY DATA FOR HENRY MINE AREA PROVIDED BY OLYMPUS AERIAL SURVEYS, INC. DATED: NOVEMBER 2008.  
• SURVEY DATA FOR ENOCH VALLEY MINE AREA PROVIDED BY P4 PRODUCTION DATED: DECEMBER 2007.

**PROJECTION:**  
STATE PLANE COORDINATE SYSTEM  
ZONE 10  
IDAHO EAST  
DATUM:  
NAD27  
VERTICAL DATUM:  
NAVD29  
UNITS:  
U.S. FEET

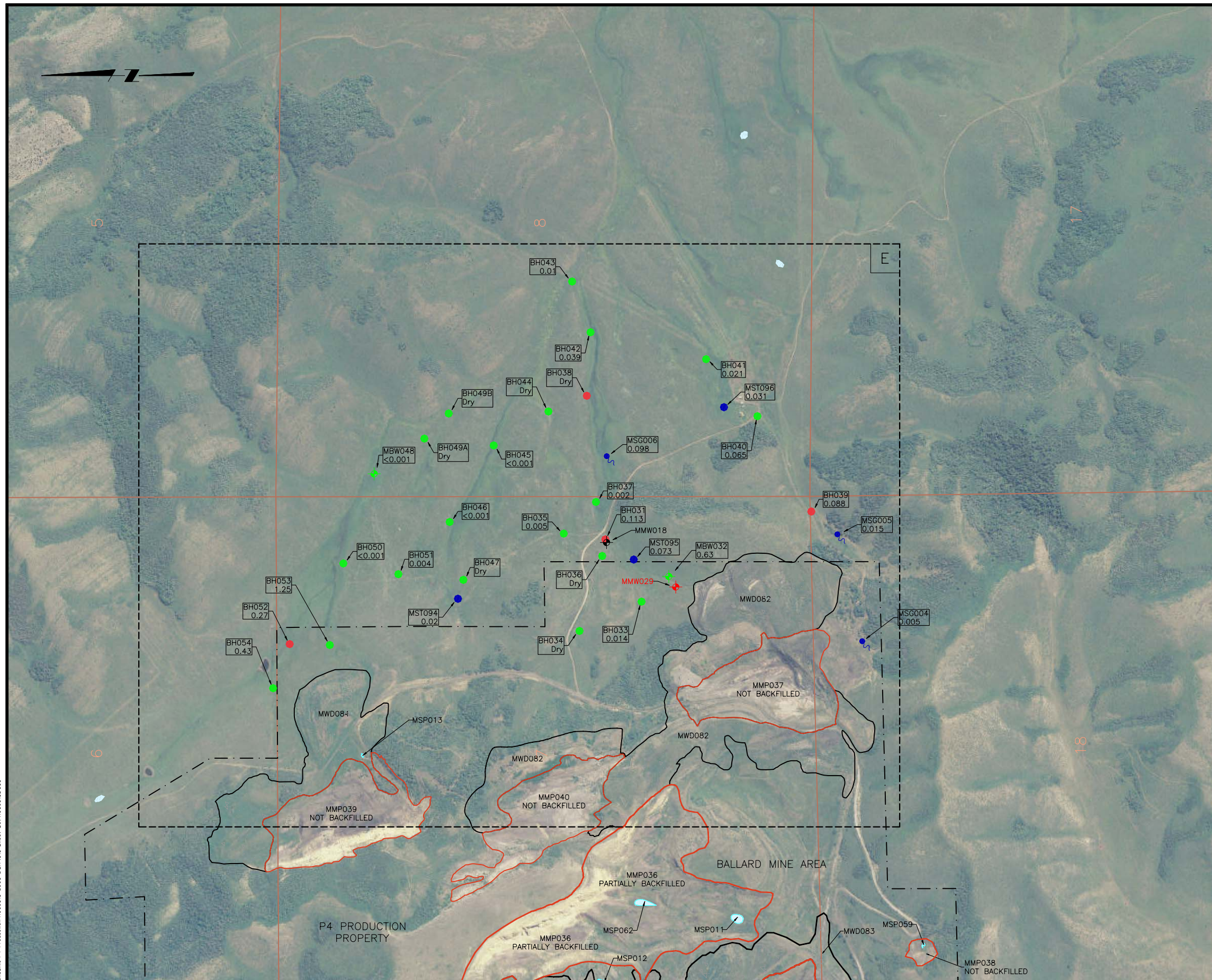
DESIGNED BY	C.FOULK	06/19/09
DRAWN BY	E.MARKS	06/19/09
CHECKED BY	C.FOULK	06/19/09
APPROVED BY	C.FOULK	06/19/09
PROJECT MANAGER	C.FOULK	06/19/09
CLIENT APPROVAL		
CLIENT REFERENCE NO.		

**P4 PRODUCTION  
SITE INVESTIGATION**

PROJECT LOCATION	BALLARD, HENRY AND ENOCH VALLEY MINES	
PROJECT	2007 AND 2008 DATA SUMMARY REPORT	
TITLE	ENOCH VALLEY DELINEATION MAP	

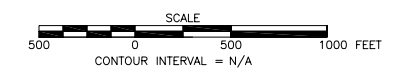
SHEET	4 of 30	REVISION	2
FILE NAME	1005813D077		





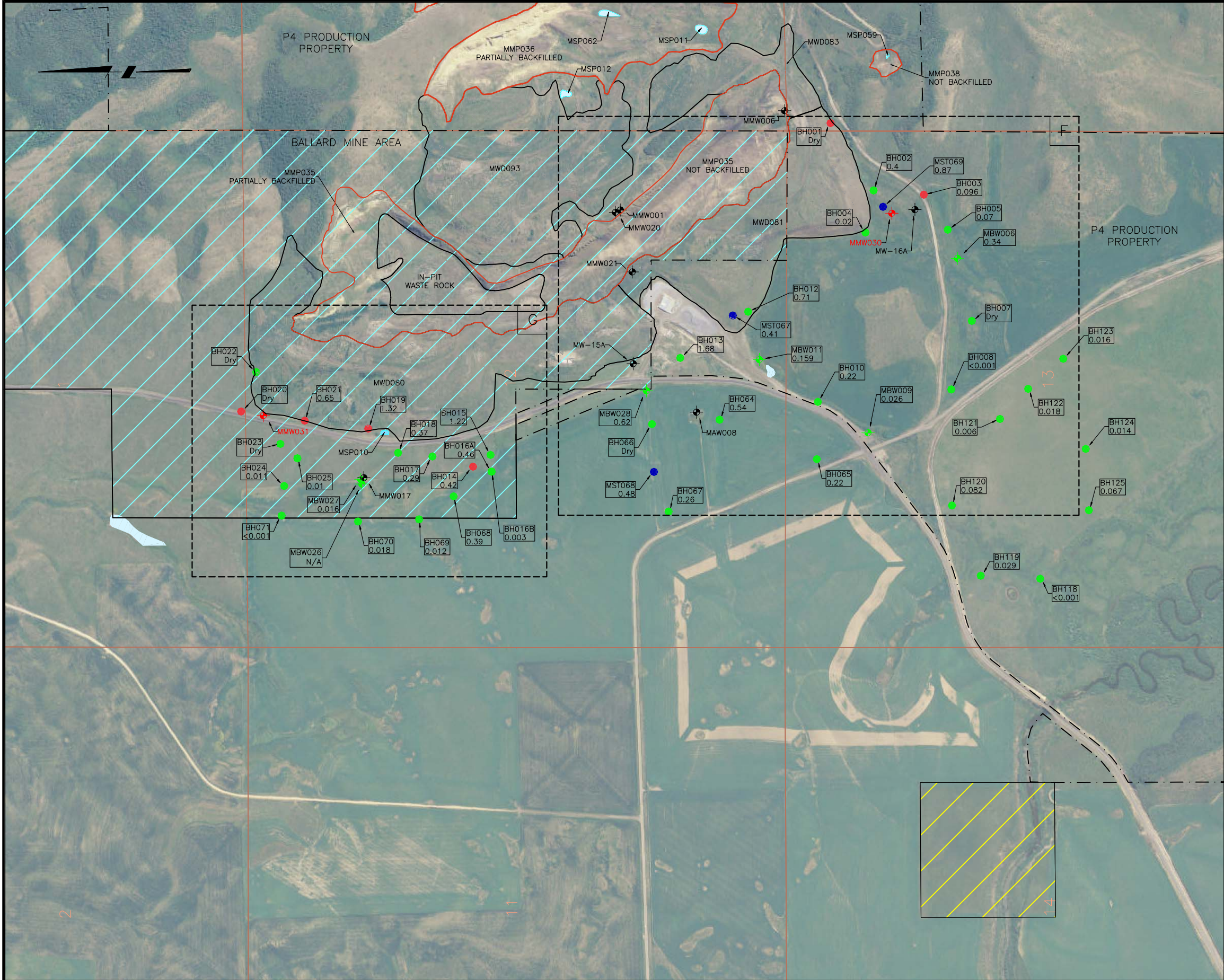
**LEGEND:**

NOTES:

**STATION TYPE:**

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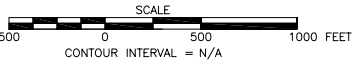


- LEGEND:**
- MINE PIT LOCATION
  - WASTE ROCK PILE LOCATION
  - WASTE ROCK PILE LOCATION OR PIT BACKFILL (APPROXIMATE)
  - APPROXIMATE OWNERSHIP BOUNDARY
  - SECTION LINES
  - SECTION NUMBER
  - BLM LANDS
  - US NATIONAL FORESTS
  - STATE LANDS
  - INDIAN RESERVATION
  - NON FEDERAL LANDS
  - GROUNDWATER MONITORING WELL LOCATION
  - GROUNDWATER MONITORING WELL LOCATION INSTALLED IN 2008
  - DIRECT-PUSH MONITORING WELL INSTALLED IN 2008
  - SPRING OR DUMP SEEP STATION
  - HEADWATER STREAM STATION
  - DIRECT-PUSH BOREHOLE STAGE 1
  - DIRECT-PUSH BOREHOLE STAGE 2
  - DIRECT-PUSH INVESTIGATION AREA
  - DIRECT-PUSH BOREHOLE ID AND SELENIUM CONCENTRATION

**NOTES:**

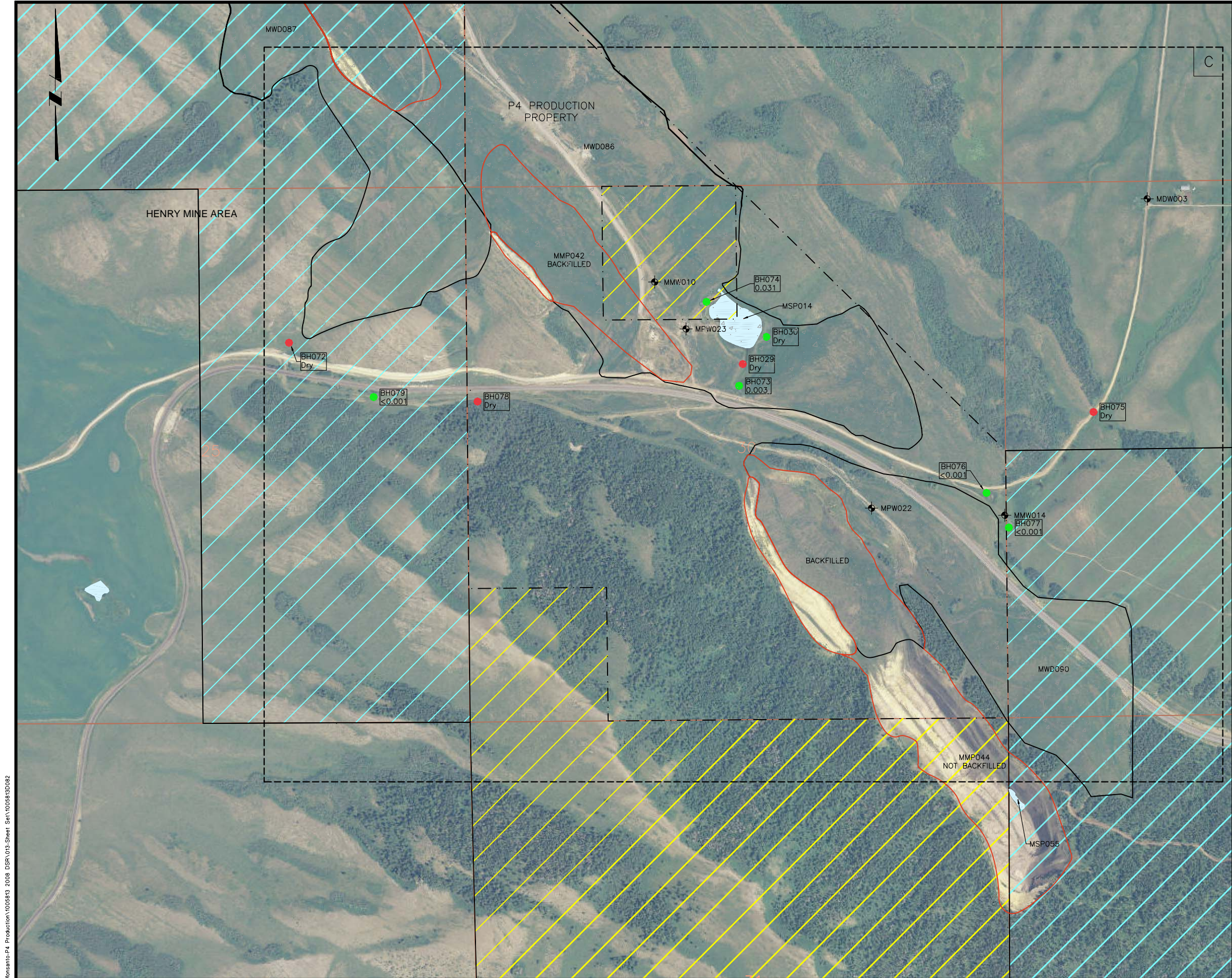
1. RESULTS ARE FOR GRAB GROUNDWATER SAMPLES AND ARE DISSOLVED CONCENTRATIONS OF SELENIUM IN mg/L.

- STATION TYPE:**
- BH = DIRECT-PUSH BOREHOLE
  - MAW = AGRICULTURAL WELL
  - MBW = DIRECT-PUSH MONITORING WELL
  - MDW = DOMESTIC WELL
  - MMP = MINE PIT
  - MMW = MONITORING WELL
  - MPW = PRODUCTION WELL
  - MWD = WASTE ROCK DUMP
  - MSG = SPRING STATION
  - MSP = POND
  - MST = STREAM STATION



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								DRAWN BY	E.MARKS	06/19/09	<b>PROJECT</b> 2007 AND 2008 DATA SUMMARY REPORT							
								CHECKED BY	C.FOULK	06/19/09								
								APPROVED BY	C.FOULK	06/19/09								
								PROJECT MANAGER	C.FOULK	06/19/09								
								CLIENT APPROVAL										
								CLIENT REFERENCE NO.										





LEGEND:

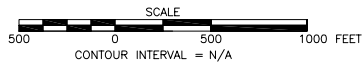
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- WASTE ROCK PILE LOCATION OR PIT BACKFILL (APPROXIMATE)
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- SECTION NUMBER
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- US NATIONAL FORESTS
- STATE LANDS
- INDIAN RESERVATION
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- GROUNDWATER MONITORING WELL LOCATION
- GROUNDWATER MONITORING WELL LOCATION INSTALLED IN 2008
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- SPRING OR DUMP SEEP STATION
- HEADWATER STREAM STATION
- DIRECT-PUSH BOREHOLE STAGE 1
- DIRECT-PUSH BOREHOLE STAGE 2
- DIRECT-PUSH INVESTIGATION AREA
- DIRECT-PUSH BOREHOLE ID AND SELENIUM CONCENTRATION

NOTES:

1. RESULTS ARE FOR GRAB GROUNDWATER SAMPLES AND ARE DISSOLVED CONCENTRATIONS OF SELENIUM IN mg/L.

STATION TYPE:

- BH = DIRECT-PUSH BOREHOLE
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- MMP = MINE PIT
- MMW = MONITORING WELL
- MPW = PRODUCTION WELL
- MWD = WASTE ROCK DUMP
- MSG = SPRING STATION
- MSP = POND
- MST = STREAM STATION



N:\Design-Drafting\Clients\_L-P\Monsanto-P4\_Production\1005813 2008 DSR\013-Sheet Set\1005813D082

REV	DESCRIPTION	TECH	ENG	DATE
2	FINAL	CHF	CLF	06/19/09
1	REVISION ISSUED FOR AGENCY REVIEW	CHF	CLF	05/13/09
0	ISSUED DRAFT FOR AGENCY REVIEW	CHF	CLF	03/05/09

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DESIGNED BY	C.FOULK	06/19/09
DRAWN BY	E.MARKS	06/19/09
CHECKED BY	C.FOULK	06/19/09
APPROVED BY	C.FOULK	06/19/09
PROJECT MANAGER	C.FOULK	06/19/09
CLIENT APPROVAL		
CLIENT REFERENCE NO.		

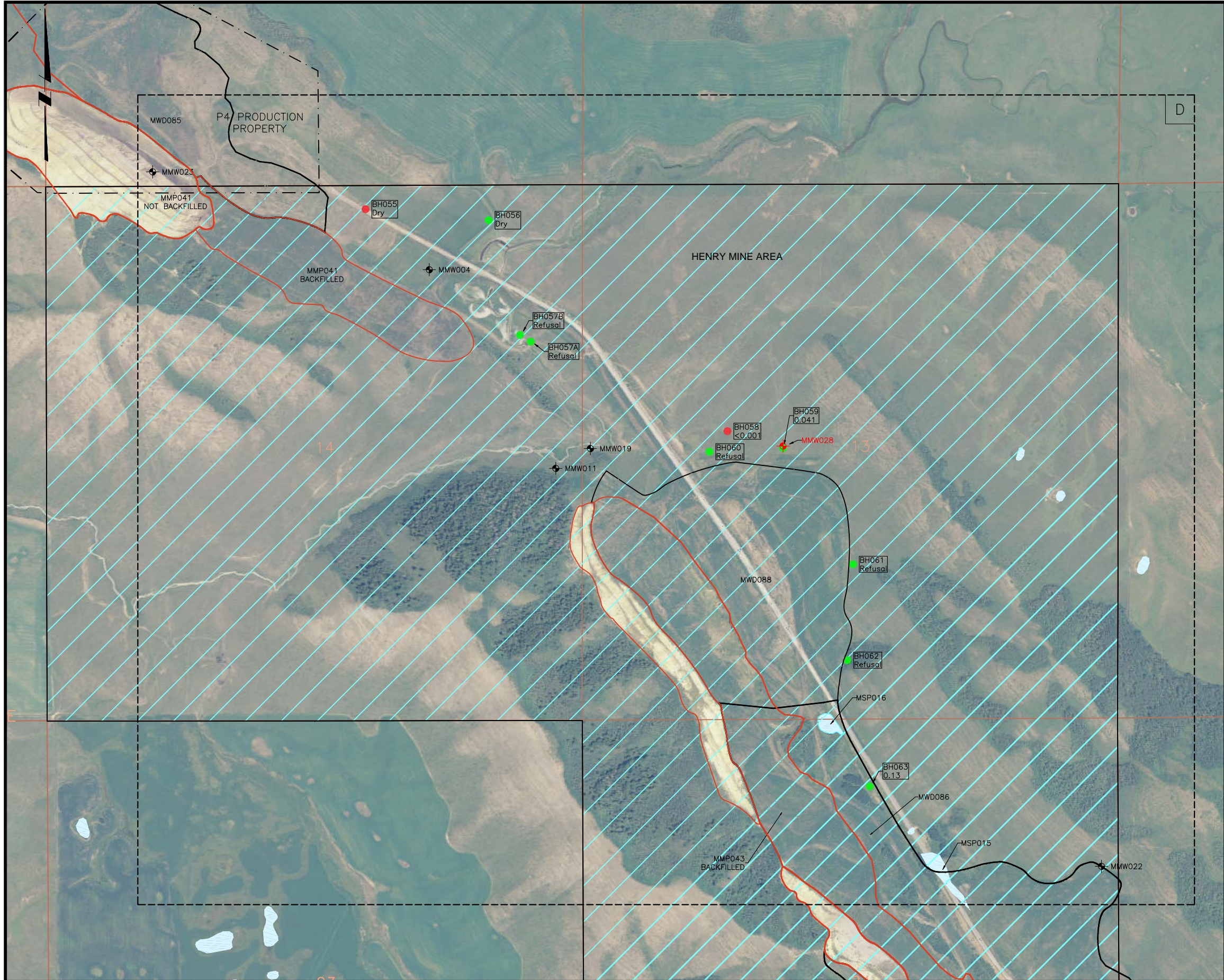
P4 PRODUCTION  
SITE INVESTIGATION

PROJECT LOCATION	BALLARD, HENRY AND ENOCH VALLEY MINES
PROJECT	2007 AND 2008 DATA SUMMARY REPORT
TITLE	LOCATION OF DIRECT-PUSH BOREHOLES HENRY MINE SOUTH

SHEET	7 of 30	REVISION	2
FILE NAME	1005813D082		



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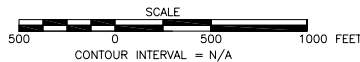
- MINE PIT LOCATION
- WASTE ROCK PILE LOCATION
- WASTE ROCK PILE LOCATION OR PIT BACKFILL (APPROXIMATE)
- APPROXIMATE OWNERSHIP BOUNDARY
- SECTION LINES
- SECTION NUMBER
- BLM LANDS
- US NATIONAL FORESTS
- STATE LANDS
- INDIAN RESERVATION
- NON FEDERAL LANDS
- GROUNDWATER MONITORING WELL LOCATION
- GROUNDWATER MONITORING WELL LOCATION INSTALLED IN 2008
- DIRECT-PUSH MONITORING WELL INSTALLED IN 2008
- SPRING OR DUMP SEEP STATION
- HEADWATER STREAM STATION
- DIRECT-PUSH BOREHOLE STAGE 1
- DIRECT-PUSH BOREHOLE STAGE 2
- DIRECT-PUSH INVESTIGATION AREA
- DIRECT-PUSH BOREHOLE ID AND SELENIUM CONCENTRATION

**NOTES:**

1. RESULTS ARE FOR GRAB GROUNDWATER SAMPLES AND ARE DISSOLVED CONCENTRATIONS OF SELENIUM IN mg/L.

**STATION TYPE:**

- BH = DIRECT-PUSH BOREHOLE
- MAW = AGRICULTURAL WELL
- MBW = DIRECT-PUSH MONITORING WELL
- MDW = DOMESTIC WELL
- MMP = MINE PIT
- MMW = MONITORING WELL
- MPW = PRODUCTION WELL
- MWD = WASTE ROCK DUMP
- MSG = SPRING STATION
- MSP = POND
- MST = STREAM STATION



REV	DESCRIPTION	TECH	ENG	DATE
2	FINAL	CHF	CLF	06/19/09
1	REVISION ISSUED FOR AGENCY REVIEW	CHF	CLF	05/13/09
0	ISSUED DRAFT FOR AGENCY REVIEW	CHF	CLF	03/05/09

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PROJECT MANAGER	C.FOULK	06/19/09
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**P4 PRODUCTION  
SITE INVESTIGATION**

PROJECT LOCATION	BALLARD, HENRY AND ENOCH VALLEY MINES
PROJECT	2007 AND 2008 DATA SUMMARY REPORT
TITLE	LOCATION OF DIRECT-PUSH BOREHOLES HENRY MINE NORTH

SHEET	8 of 30	REVISION	2
	FILE NAME	1005813D081	

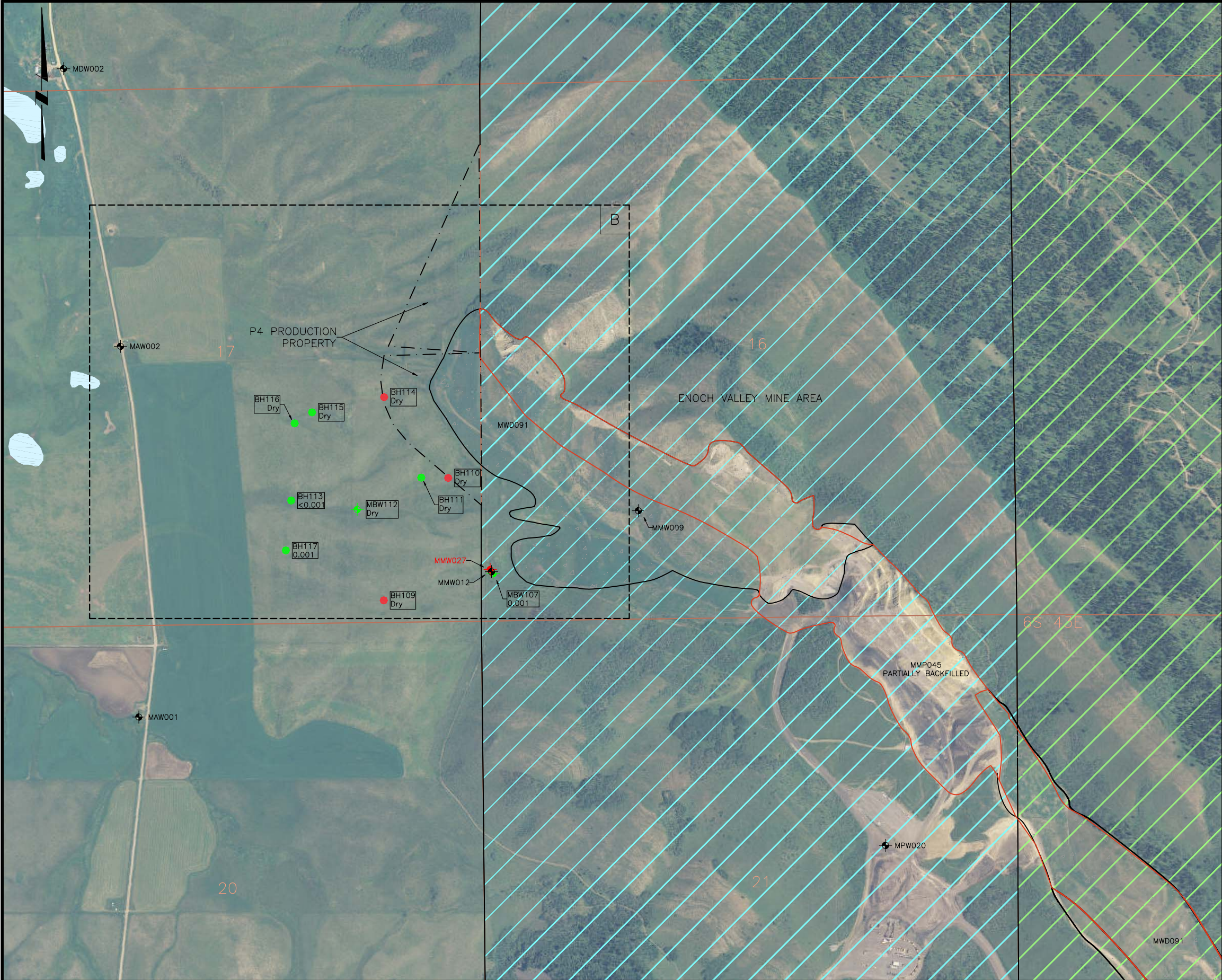








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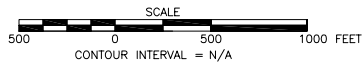
- MINE PIT LOCATION
- WASTE ROCK PILE LOCATION
- WASTE ROCK PILE LOCATION OR PIT BACKFILL (APPROXIMATE)
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ISSUE	REV	DESCRIPTION	TECH	ENG	DATE
2		FINAL	CHF	CLF	06/19/09
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**P4 PRODUCTION  
SITE INVESTIGATION**

PROJECT LOCATION	BALLARD, HENRY AND ENOCH VALLEY MINES
PROJECT	2007 AND 2008 DATA SUMMARY REPORT
TITLE	LOCATION OF DIRECT-PUSH BOREHOLES ENOCH VALLEY MINE NORTH

SHEET	10 of 30	REVISION	2
FILE NAME	1005813D079		

